

What Is Claimed Is:

1. A liquid crystal display device, comprising:
a liquid crystal display panel displaying an image; and
a light shutter on the liquid crystal display to transmit or
shut off a light emitted from the liquid crystal display panel.
2. The liquid crystal display device according to claim 1,
wherein the light shutter includes,
a liquid crystal between two glass substrates, and
a plurality of electrodes on the two glass substrates to
drive the liquid crystal.
3. The liquid crystal display device according to claim 1,
wherein the light shutter have a polarizer to transmit a linearly
polarized light.
4. The liquid crystal display device according to claim 1,
wherein the liquid crystal display panel and the light shutter
are bonded with each other and have a polarizer therebetween.

5. The liquid crystal display device according to claim 1, wherein the liquid crystal display panel and the light shutter are bonded to a single glass substrate.

6. The liquid crystal display device according to claim 1, further comprising a backlight irradiating a light toward the liquid crystal display panel.

7. An apparatus for driving a liquid crystal display, comprising:

a liquid crystal display panel displaying an image;

a light shutter on the liquid crystal display to transmit or shut off a light emitted from the liquid crystal display panel;

a controller generating a shutter control signal to open or close the light shutter; and

a light shutter driver responding to the shutter control signal to drive the light shutter.

8. The apparatus according to claim 7, wherein the shutter control signal has an inverse polarity after video data having an inverse polarity are applied to the liquid crystal display panel.

9. The apparatus according to claim 7, wherein the shutter control signal is a pulse signal having a first logical value turning on the light shutter and a second logical value turning off the light shutter.

10. The apparatus according to claim 7, further comprising,
a data driver connected to a plurality of data lines of the liquid crystal display panel to apply video data to the data lines, and

a gate driver connected to a plurality of gate lines of the liquid crystal display panel to apply a scanning signal to the gate lines.

11. The apparatus according to claim 10, wherein the data driver is connected to the controller that generates the video data and a dot clock and controls the data driver, and the gate

driver is connected to the controller that generates a gate start pulse allowing the scanning signal to be sequentially generated and controls the gate driver.

12. The apparatus according to claim 7, wherein the shutter control signal has a first logical value in an initial field interval when video data are applied to the liquid crystal display panel and has a second logical value in a time interval when the video data are maintained at the liquid crystal display panel.

13. A method of driving a liquid crystal display having a light shutter on a liquid crystal display panel, comprising:

supplying video data to a liquid crystal display panel; and opening the light shutter at an initial interval applying the video data and closing the light shutter in a maintenance interval maintaining the video data to shut off a light from the liquid crystal display panel.

14. The method according to claim 13, further comprising:

applying a shutter control signal having a first logical value in an initial field interval when the video data are applied to the liquid crystal display panel, and a second logical value in a time interval when the video data are maintained at the liquid crystal display panel.

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